

emitting element 8a and the light receiving element 8b provided to sandwich the member to be read 2.--

Please replace the paragraph beginning at page 19, line 16, with the following rewritten paragraph:

A14
--Fig. 11 is an outline sectional view for explaining a constitution in which drive force of the ultrasonic motor is transmitted to a rotating shaft 41a constituting a movable member via a transmission mechanism 25 to thereby move the indicator 27 constituting the movable member moved in cooperation with the rotating shaft 41a.--

IN THE CLAIMS:

Kindly amend claims 1-6 by rewriting them in amended form as follows:

A1
1. (Amended) An electronic apparatus comprising: a movable member movably driven to perform a given function; a position detecting device for detecting the position of the movable member; an actuator having a moving member movably driven to drive the movable member; a readable member for providing location information of the movable member; and a guide member for holding the movable member, the actuator and the readable member in a fixed orientation with respect to each other.

2. (Amended) An electronic apparatus according to claim 1; wherein a sectional shape of the guide member is non-circular.

3. (Amended) An electronic apparatus according to claim 1; wherein the guide member is formed integrally with at least one of the moving member, the readable member and the movable member.

4. (Amended) An electronic apparatus according to claim 1; wherein at least two of the movable member, the moving member and the readable member are integrally formed.

5. (Amended) An electronic apparatus according to claim 1; wherein the movable member is mounted to undergo rotary motion, and the guide member is fixed to a position offset from a center of rotation of the movable member.

6. (Amended) An electronic apparatus according to claim 1; wherein the actuator is an ultrasonic motor.

Kindly add the following new claims 7-21:

7. An electronic apparatus according to claim 1; wherein the readable member has a fixing member that allows fixing of the readable member to the guide member in only one given manner to eliminate the need for initial adjustment of

the relative positions of the movable member and the readable member.

8. An electronic apparatus according to claim 1; wherein the movable member comprises one of an indicator hand of a display, a rotating mirror, or an optical attenuator.

9. An electronic apparatus according to claim 1; wherein the readable member has a plurality of slits; and the position detecting device comprises a light emitting device disposed on one side of the slits for emitting light through the respective slits, and a light receiving device disposed on an opposite side of the slits for receiving light passing through the slits and outputting a corresponding signal.

10. An electronic apparatus comprising: a movable member movably driven to perform a given function; a moving mechanism in contact with the movable member for driving the movable member to a desired location; a position detecting apparatus having a readable member moved in conjunction with the movable member and a reading device for reading the readable member to provide location information of the movable member; and a guide member for holding the readable member and the movable member in a fixed orientation with respect to the moving mechanism to prevent misalignment therebetween.

11. An electronic apparatus according to claim 10; wherein the readable member has a fixing member that allows fixing of the readable member to the guide member in only one given manner to eliminate the need for initial adjustment of the relative positions of the readable member and the movable member.

12. An electronic apparatus according to claim 10; wherein the moving mechanism comprises a motor and a moving member driven by the motor, the moving member being in contact with the movable member so that the motor drives the moving member to move the movable member.

13. An electronic apparatus according to claim 12; wherein the motor is an ultrasonic motor comprising a vibrator having a piezoelectric element thereon for producing ultrasonic vibrations in the vibrator, and a plurality of projections extending from the vibrator; and the moving member is disposed on the projections to undergo movement in response to the ultrasonic vibrations.

14. An electronic apparatus according to claim 13; wherein the vibrator and the movable member are mounted on a shaft so that the movable member is angularly driven about the shaft as a center of rotation in response to the ultrasonic vibrations.

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Continued

15. An electronic apparatus according to claim 14; wherein the movable member comprises one of an indicator hand of a display, a rotating mirror, or an optical attenuator.

16. An electronic apparatus according to claim 10; wherein the readable member has a plurality of slits, and the reading device comprises a light emitting device disposed on one side of the slits for emitting light through the respective slits, and a light receiving device disposed on an opposite side of the slits for receiving light passing through the slits and outputting a corresponding signal.

17. An electronic apparatus according to claim 16; further comprising a control circuit for controlling the moving mechanism based on an output signal of the light receiving device.

18. An electronic apparatus according to claim 10; wherein a sectional shape of the guide member is non-circular.

19. An electronic apparatus according to claim 10; wherein the guide member is formed integrally with at least one of the moving mechanism, the readable member and the movable member.

20. An electronic apparatus according to claim 10; wherein at least two of the movable member, the moving mechanism and the readable member are integrally formed.